



Twin Cities Campus

Addictions Counseling M.P.S.

CCE Addiction Studies

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education Information Center
20 Ruttan Hall
1994 Buford Ave
St Paul, MN 55108
(612-624-4000)
Email: cceinfo@umn.edu
Website: <http://www.cce.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Students in the MPS in Addictions Counseling experience a rigorous, evidence-informed applied clinical preparation program that fulfills Minnesota's Licensed Alcohol and Drug (MNLADC) educational requirements, with the added benefit of receiving a master's degree. The 30-credit curriculum includes specific licensure preparation content in the following areas: evidence based practices and evaluation, individual and group counseling skills, professional ethics, diversity and cultural sensitivity, co-occurring assessment and treatment interventions, and an applied field placement experience. The MPS meets the education and training needs of individuals new to the helping profession as well as individuals with an allied license (MSW, LP, LPC, LMFT) seeking to add the LADC.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Other requirements to be completed before admission:

Bachelor's degree from an accredited institution - Transcripts - Personal statement - Two letters of reference - Updated resume or CV

Special Application Requirements:

International students interested in the M.P.S. in Addictions Counseling should contact the International Student and Scholar Service (www.iss.umn.edu) for information on visa status and academic requirements.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB
 - Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.



Program Requirements

Plan C: Plan C requires 30 major credits and 0 credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The ADDS 5996 Internship Seminar serves as a capstone experience where students apply the knowledge and skills learned in their previous courses in a real world clinical setting. Students receive close clinical supervision from both a site and faculty supervisors, participate in formal on-campus clinical supervision meetings, and actively engage in weekly required postings and practice assignments. Upon completion of the internship experience, each student undergoes an extensive formal written and oral evaluation process to ensure ethical and competent clinical practice.

This program may not be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 2.8 is required for students to remain in good standing.

In addition to course work, an 880-hour field placement is required to complete the degree. This field placement will be done as part of the 4 credit class ADDS 5996.

Students may take one or more courses per term and have up to five years to complete a master's degree. Students who wish to transfer graduate-level coursework from other institutions should contact the Graduate Programs office at cceinfo@umn.edu for information and assistance.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 30 semester credits required for the degree.

Required Courses: 23 credits

Required courses.

- [ADDS 5011](#) - Foundations in Addiction Studies (2.0 cr)
- [ADDS 5021](#) - Introduction to Evidence Based Practices and the Helping Relationship (3.0 cr)
- [ADDS 5031](#) - Applied Psychopharmacology (2.0 cr)
- [ADDS 5041](#) - Methods and Models I: Motivational Counseling (2.0 cr)
- [ADDS 5051](#) - Methods and Models II: Cognitive Behavioral Therapy (2.0 cr)
- [ADDS 5061](#) - Foundations of Group Work (3.0 cr)
- [ADDS 5071](#) - Foundations of Co-occurring Disorders (2.0 cr)
- [ADDS 5081](#) - Multicultural Foundations of Behavioral Health (3.0 cr)
- [ADDS 5091](#) - Assessment and Treatment Planning I (3.0 cr)
- [ADDS 5121](#) - Professional Seminar 1 (1.0 cr)

Required Internship: 4 credits

Students must take 4 credits/880 field hours of ADDS 5996.

- [ADDS 5996](#) - Internship in Behavioral Health (1.0 - 8.0 cr)

Elective Courses: 3 credits

Electives must relate to counseling, human development, human services, or must enhance student's understanding of mental health, substance use disorders, or human behavior within a broader context. Electives will be chosen in consultation with student's adviser/mentor.



Twin Cities Campus

Arts and Cultural Leadership M.P.S.

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, M.P.S. in Arts and Cultural Leadership, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108
(612-624-4000; fax: 612- 626-2800)

Email: cceacl@umn.edu

Website: <http://www.cce.umn.edu/acl>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 32
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

This program prepares students for both administrative and leadership roles in professional leadership of arts and cultural-related nonprofit organizations. It is aimed at career administrators in nonprofit arts and cultural organizations looking for a graduate degree to boost their advancement in the field and/or to interact with other students/faculty in discussing artistic and cultural leadership, planning, and policy. It is available to career administrators working in fields not directly related to the arts, but who want new careers in arts and/or cultural related nonprofit organizations.

The program of study leads to a master's degree that is: individualized, allowing students to tailor electives and a capstone project to their unique interests; interdisciplinary, including required interdisciplinary seminars and elective coursework drawn from other related academic departments at the University; and career focused, with a capstone project centered on an issue or topic expressly related to the student's career interest.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

To be admitted, students must have a bachelor's degree from an accredited post-secondary U.S. institution or its foreign equivalent.

Other requirements to be completed before admission:

At least three years of relevant work experience with an arts and/or cultural organization is required. Factors of academic preparation, relevant experience, evidence of readiness and maturity, writing ability, and reasons for seeking the degree will be taken into account as part of the admissions review. GRE scores may be submitted, but are not required.

Special Application Requirements:

The application package must include official transcripts of all baccalaureate and post-baccalaureate work, a current resume, two letters of reference, a two- to three-page written statement of purpose in which the student elaborates on his or her interest in the program, and an additional writing sample of approximately 10 pages. Application deadlines are in spring for summer term and fall semester admission, and fall for spring semester admission. Please refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5



- MELAB
- Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 32 major credits and up to null credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The ACL Final Project (ACL 8002, 3 credits) provides students with an opportunity to focus on the needs of a particular organization or community as they identify and carry out, in consultation with the leadership of that group and their academic adviser(s), a project that meets a need within that group and reflects both the interest of the students and their academic achievement. The ACL Final Project consists of two parts: an applied project which includes an accompanying report, and an academic paper.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.0 is required for students to remain in good standing.

A minimum of 32 credits are required for completion of the MPS degree.
Take core courses for a letter grade, earning a B- or better.
Obtain a cumulative GPA for all degree course work of 3.0 or better.

Required courses (18 credits)

- ACL 8001 - Introduction to Interdisciplinary Inquiry (3.0 cr)
- ACL 5200 - Trends and Impacts in Arts and Cultural Leadership (3.0 cr)
- ACL 5220 - Philanthropy, Development, and Strategic Leadership (3.0 cr)
- ACL 5230 - Ethics and the Law (3.0 cr)
- ACL 8201 - Leadership: Skills and Practice (2.0 cr)
- ACL 8202 - Nonprofit Board Practicum (1.0 cr)
- ACL 8002 - Final Project Seminar (3.0 cr)

Selected applications courses (6 credits)

Required: At least two of the following courses with selection based on prior experiences.

Take 2 or more course(s) totaling 6 or more credit(s) from the following:

- PA 5011 - Management of Organizations (3.0 cr)
- PA 5101 - Management and Governance of Nonprofit Organizations (3.0 cr)
- PA 5104 - Strategic Human Resource Management (3.0 cr)
- PA 5003 - Introduction to Financial Analysis and Management (1.5 cr)
- PA 5111 - Financing Public and Nonprofit Organizations (3.0 cr)
- PA 5251 - Strategic Planning and Management (3.0 cr)
- PA 5103 - Leadership and Change in an Innovation Society (3.0 cr)

Electives (8 credits)

Elective courses can be selected from related academic departments. Studio or applied courses, such as a course in painting or piano, may not be included as electives. Electives should relate to the professional tasks required of arts and cultural leaders or enhance student's understanding of the arts within a broader cultural context. Examples include, but are not limited to the courses listed below.

Take 8 or more credit(s) from the following:

- ACL 5100 - Topics in Arts and Cultural Leadership (1.0 - 4.0 cr)
- ACL 5950 - Special Topics (1.0 - 4.0 cr)
- LS 5100 - Liberal Studies Seminar (1.0 - 4.0 cr)
- JOUR 4263 - Strategic Communication Campaigns (3.0 cr)
- JOUR 5251 - Strategic Communication Theory (3.0 cr)
- MUS 5950 - Topics in Music (1.0 - 4.0 cr)
- MST 5011 - Museum History and Philosophy (3.0 cr)
- MST 5012 - Museum Practices (3.0 cr)
- Other electives chosen in consultation with student's adviser.



Twin Cities Campus

Biological Sciences M.B.S.

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Master of Biological Science Program, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108 (612-624-4000; fax: 612-626-2800)

Email: ccembs@umn.edu

Website: <http://www.cce.umn.edu/Master-of-Biological-Sciences/index.html>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Biological Sciences

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Master of Biological Sciences (MBS) degree is a highly flexible graduate-level program designed to meet the needs of members of the working community who wish to increase their knowledge in areas of modern biology. Students focus their studies in one of three broad areas: Molecular Biosciences, Cellular and Organismal Biology, or Environmental and Population Biology. Limited elective credits in areas, such as Education, Business, and Public Health can be used to support a student's individual career goals and program focus. The degree enables recipients to learn new job skills, change professional emphasis, or provide added value to their present job and may be completed on a part-time basis.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

To be admitted, students must have a bachelor's degree from an accredited post-secondary U.S. institution or its foreign equivalent.

Other requirements to be completed before admission:

Evidence of knowledge of current, college-level concepts of basic chemistry, organic chemistry, and some biology coursework is required. Transcripts showing equivalent coursework combined with professional experience will be considered for application toward fulfillment of the prerequisites for admission. Two years of relevant experience in the workforce is preferred for admission. GRE scores may also be submitted, but are not required.

Special Application Requirements:

A statement of career goals, letters of reference, transcripts for all undergraduate and post-baccalaureate degrees or coursework, and an updated resume must accompany the application. Application deadlines are in the spring for fall semester admission, and in the fall for spring semester admission. Please refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB
 - Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).



For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan B: Plan B requires 30 major credits and 0 credits outside the major. The final exam is oral. A capstone project is required.

Capstone Project: The Plan B project is carried out under the direction of a faculty mentor. It can be literature-based or lab-based with a testable hypothesis and a final paper of 30-50 pages in length, which is an-depth examination and analysis of a particular area, problem, technique, etc.

Plan C: Plan C requires 30 major credits and 0 credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The Plan C requirement is the Capstone course APS 8003.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.00 is required for students to remain in good standing.

The program includes coursework, independent study, and a project for Plan B master's students or capstone course for Plan C master's students. With guidance from program advisers, students complete 30 credits. M.B.S. candidates may transfer up to 12 credits into the program. Foundation credits may be waived or substituted if the student can show proficiency in the subject area. Coursework is taken from the regular graduate-level coursework. An overall GPA of 3.00 is required for the degree to be awarded.



Twin Cities Campus

Biological Sciences Minor

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Master of Biological Science Program, 20 Ruttan Hall, 1994 Buford Ave, St. Paul, MN 55108 (612-624-4000, fax: 612-626-2800)

Email: ccembs@umn.edu

Website: <http://www.cce.umn.edu/Master-of-Biological-Sciences/index.html>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2016
- Length of program in credits (Masters): 6
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Note: This program is not currently accepting students. Please contact the College of Continuing Education for more information about the status of this program.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.



Twin Cities Campus

Horticulture M.P.S.

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Master of Professional Studies in Horticulture Program, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108 (612-624-4742; fax: 612-626-2800)

Email: ccehort@umn.edu

Website: <http://www.cce.umn.edu/Master-of-Professional-Studies-in-Horticulture>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Master of Professional Studies in Horticulture is designed to enhance the capacity of those currently working in the horticulture industry and to provide the knowledge base needed by others interested in beginning new careers, starting their own business, or pursuing personal interests in horticulture. The degree provides a solid foundation of contemporary horticultural knowledge, yet is flexible enough to allow individuals to focus on the specific skills they wish to hone.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 2.80.

To be admitted, students must have a bachelor's degree from an accredited post-secondary U.S. institution or its foreign equivalent.

Other requirements to be completed before admission:

Evidence of knowledge of current, introductory, college-level concepts of algebra, chemistry, biology, botany, or plant propagation is required for admission to the program. Prerequisite coursework may be completed at the University of Minnesota or at other educational institutions subject to transfer review. In all cases, documentation of completed, equivalent coursework combined with professional experience will be considered for application toward fulfillment of the prerequisites for admission to the M.P.S. in Horticulture. A minimum grade of C will be the standard for admission for all prerequisite coursework. Undergraduate prerequisite coursework must come from the following areas: Algebra, Chemistry, Biology, Botany, or Plant Propagation. Please refer to the program website for further details.

Special Application Requirements:

The application package must include official transcripts of all baccalaureate and post-baccalaureate work, a current resume, two letters of reference, a written statement of purpose (no more than two pages) which addresses pertinent aspects of the student's background and academic qualifications as related to admission to the program and demonstrates a strong interest in horticultural science including documentation of any relevant experiences in the field of horticulture. Application deadlines are in spring for fall semester admission, and in fall for spring semester admission. Refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB



- Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 30 major credits and up to null credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The capstone course, HORT 6002 - Problem Solving in Horticulture, accounts for 4 of the minimum 30 credits required for the degree and is not considered part of the horticulture core course requirements.

This program may not be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 2.8 is required for students to remain in good standing.

Students who have not completed relevant introductory coursework in soils, plant pathology, and entomology, either during or subsequent to completion of their bachelor's degree, will be required to complete courses in these areas as part of their M.P.S. degree requirements. These courses are not prerequisites for admission. Depending on the specific courses included in the student's program, some additional coursework may also be required over and above the 30 graduate credits required for the degree.

All prerequisites associated with courses included in the student's course program must be completed as part of the student's degree requirements, unless exempted in writing by the instructor for the course and approved by the student's advisor and the program DGS prior to taking the course.

Excluding the capstone course, a maximum of 3 credits taken S/N may be applied toward the minimum requirements for the degree.

The student's course program must be approved by the DGS and M.P.S. Steering Committee.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 30 semester credits required for the degree.

Horticulture courses (15 credits)

15 credits of Horticulture (HORT) courses are required.

These courses must be 4xxx and above. A maximum of 9 credits total at the 4xxx level may be applied toward the program.

A maximum of 3 credits of HORT 5090 Directed Studies may be applied toward the minimum horticulture core course requirements.

HORT 6002 Capstone may not be applied toward the minimum horticulture core course requirements.

Take 15 or more credit(s) from the following:

- [HORT 4000](#) - International Experiences in Horticultural Science (3.0 cr)
- [HORT 4015](#) - Advanced Woody and Herbaceous Plant Topics (1.0 cr)
- [HORT 4061W](#) - Turfgrass Management [WI] (3.0 cr)
- [HORT 4062](#) - Turfgrass Weed and Disease Science (3.0 cr)
- [HORT 4063](#) - Turfgrass Science (3.0 cr)
- [HORT 4071W](#) - Applications of Biotechnology to Plant Improvement [WI] (4.0 cr)
- [HORT 4141W](#) - Scheduling Crops for Protected Environments [WI] (4.0 cr)
- [HORT 4401](#) - Plant Genetics and Breeding (4.0 cr)
- [HORT 4461](#) - Horticultural Marketing (3.0 cr)
- [HORT 4601](#) - Aquaponics: Integrated fish and plant food systems (4.0 cr)
- [HORT 4850](#) - Pollinator Protection in Managed Landscapes (3.0 cr)
- [HORT 5007](#) - Advanced Plant Propagation (3.0 cr)
- [HORT 5011](#) - Common Chinese Medicinal Plants: Classification, Identification, and Application (3.0 cr)
- [HORT 5012](#) - Common Chinese Medicinal Plants: Growing and Processing (3.0 cr)
- [HORT 5023](#) - Public Garden Management (2.0 cr)
- [HORT 5031](#) - Fruit Production and Viticulture for Local and Organic Markets (3.0 cr)
- [HORT 5032](#) - Organic Vegetable Production (3.0 cr)
- [HORT 5051](#) - Plant Production II (4.0 cr)
- [HORT 5058](#) - Plant Cytogenetics (2.0 cr)
- [HORT 5059](#) - Plant Cytogenetics Lab (1.0 cr)
- [HORT 5071](#) - Ecological Restoration (4.0 cr)



- [HORT 5090](#) - Directed Studies (1.0 - 3.0 cr)
- [HORT 6003](#) - Masters of Professional Studies in Horticulture Professional Experience Program: Internship (1.0 - 3.0 cr)

Related fields (11 credits)

Courses in related fields can be chosen from graduate-level courses across the U of M. A maximum of 9 credits total at the 4xxx level may be applied to the program. Courses are selected with the help of the student's advisor.

See the MPS in Horticulture website for course suggestions and sample specializations.

Capstone: HORT 6002 (4 credits)

Intended as a capstone experience that integrates the knowledge gained from coursework, personal research, and the student's academic and professional experiences. Enrollment is limited to students who have completed 18 or more credit hours of their required 30 credits, and accounts for 4 of the minimum 30 credits required for the degree. These credits are not considered part of the horticulture core course requirements

[HORT 6002](#) - Problem Solving in Horticulture (2.0 - 4.0 cr)



Twin Cities Campus

Innovation Studies Postbaccalaureate Certificate

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Innovation Studies Certificate Program, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108
(612-624-4000; fax: 612-626-2800)

Email: cceis@umn.edu

Website: <http://www.cce.umn.edu/is>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 16
- This program does not require summer semesters for timely completion.
- Degree: Innovation Studies Postbaccalaureate Certificate

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Note: This program is not currently accepting students. Please contact the College of Continuing Education for more information about the status of this program.

This certificate is built on two premises: (1) that the economic order of the 21st century will be determined more by intellectual capital and knowledge worker productivity than by the traditional resources of labor, capital, and raw materials; and (2) that an individual's success in the new economic order will be determined more by such personal characteristics as knowledge, inventiveness, adaptability, and self-reliance, than by the institutional structures and protections traditionally provided to workers by employers. Workers can no longer rely, in other words, on any established company or organization to provide secure, long-term employment. Today, they are much more on their own, requiring them to develop new skills in self-leadership, self-marketing, and team formation.

These shifts are nothing less than revolutionary, propelled by ever-advancing information and communications technologies. Likewise, they will be sustained by educational systems geared to preparing human capital for continuous innovation. Associated implications for international and global cooperation, collaboration, and competitiveness will be addressed throughout the innovation studies certificate seminars.

The focus of the certificate in innovation studies will be the individual, with emphasis on developing the requisite insights and skills needed to support a shift from an institutional model to a self-reliance model that rewards innovative leadership and problem solving. The curriculum will draw on a broad, growing body of interdisciplinary literature that deals with such topics as the impact of accelerating change on the nature of work and social institutions, the expansion and globalization of business and industry, geo-political change, socio-cultural change, ecological/environmental issues, population issues, the evolution of technology, and adaptive human behavior.

Potential students for the certificate are adults with bachelor degrees or better who develop or innovate significant portions of their work, or who wish to learn the principles and general skills of doing so. These are knowledge workers whose professional life pivots on thought, collaboration, and decision making to help envision or produce new goods and services. Familiar job titles for this target audience include:

Organizational planners and strategists

Managers from both the private and public sectors

Engineers and scientists seeking to develop commercially successful new products

Teachers and consultants in both the public and private sectors

Financial planners and analysts

Entrepreneurs and "intrepeneurs," in both profit and nonprofit organizations

The program is beneficial to anyone wanting to be better aligned with the future in her or his current position or wishing to make a strategic, innovation-focused career change.

Program Delivery

This program is available:

- partially online (between 50% to 80% of instruction is online)



Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

To be admitted, students must have a bachelor's degree from an accredited post-secondary US institution or its foreign equivalent.

Special Application Requirements:

To be admitted, prospective students must show evidence that they are prepared to successfully undertake graduate-level work, and that they understand the nature of the program. Applicants must:

- hold a baccalaureate degree from an accredited college or university;
- submit transcripts from their undergraduate institution(s) and any subsequent credit coursework;
- submit a two-page statement of purpose that explains why this program is a good fit for them; and
- submit a current résumé, describing professional and lifework experiences.

Letters of reference from past or current employers and/or professors are optional.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB
 - Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 3.0 is required for students to remain in good standing.

The certificate consists of at least 16 credits: 7 credits in two required core seminars and 9 credits in innovation studies electives. The core seminars include a 3-credit introductory course, IS 5001 - Introduction to Innovation Studies and a 4-credit capstone final project, IS 5002, which concludes the program. In addition to the core, students choose 9 credits of innovation studies seminars from a group of existing or prospective IS 5100 or IS 5950 topics seminars. These electives allow a student to focus on areas of innovation studies that offer the highest potential level of integration into his or her own educational and professional goals.



Twin Cities Campus

Integrated Behavioral Health M.P.S.

CCE Addiction Studies

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education Information Center, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN, 55108 (612-624-4000)

Email: cceinfo@umn.edu

Website: <http://cce.umn.edu/Master-of-Professional-Studies-in-Integrated-Behavioral-Health/index.html>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 60
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The high prevalence of co-occurring mental health and substance use disorders virtually guarantees that counselors, no matter the treatment setting, will encounter clients struggling with not one, but two or more disorders.

The Master of Professional Studies in Integrated Behavioral Health (IBH) prepares counselors for this clinical reality. The IBH degree merges mental health and substance abuse education and training into a single, comprehensive and cohesive program. This synthesis represents an important and pioneering shift in the preparation of clinicians.

The IBH is designed to fulfill education and training requirements for two licenses: Licensed Professional Clinical Counselor (LPCC) and Licensed Alcohol and Drug Counselor (LADC).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Other requirements to be completed before admission:

- Bachelor's degree from an accredited institution
- Transcripts
- Personal statement
- Two letters of reference
- Updated resume or CV

Special Application Requirements:

International students interested in the master of professional studies in integrated behavioral health should contact the International Student and Scholar Service (<http://www.iss.umn.edu>) for information on visa status and academic requirements.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB
 - Final score: 84

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).



For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 60 major credits and 0 credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: Satisfactory completion of a portfolio demonstrates the student's clinical conceptualization and practice skills through the following:

- A client case study that includes an assessment and treatment plan
- A videotaped treatment session with a mock client
- A philosophy of counseling statement outlining the student's theoretical orientation to counseling and specific applications of his/her counseling philosophy to the population she/he intends to serve
- Evaluations outlining areas of competence and skill as assessed by internship site supervisor
- Self-selected papers and projects from program coursework that demonstrate the student's mastery of knowledge and skills

This program may not be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 2.8 is required for students to remain in good standing.

In addition to course work, an 880-hour field placement is required to complete the degree. The credit and field placement requirements are designed to fulfill licensing requirements as defined in the Minnesota Statutes, section 148B.54, subdivision 2; and Minnesota Rules, part 2150.2500 to 2150.2660. As noted in the statute, "The national trend for master's programs in counseling is towards 60 semester credits." In order for a practitioner to be eligible for third party reimbursement for services, the practitioner must demonstrate a minimum of 60 semester graduate level credits in counseling coursework.

Students may take one or more courses per term and have up to five years to complete a master's degree. Students who wish to transfer graduate-level coursework from other institutions should contact the Graduate Programs office at cceinfo@umn.edu for information and assistance.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 60 semester credits required for the degree.

Required Courses: 50 credits

Required courses.

- [ADDS 5011](#) - Foundations in Addiction Studies (2.0 cr)
- [ADDS 5021](#) - Introduction to Evidence Based Practices and the Helping Relationship (3.0 cr)
- [ADDS 5031](#) - Applied Psychopharmacology (2.0 cr)
- [ADDS 5041](#) - Methods and Models I: Motivational Counseling (2.0 cr)
- [ADDS 5051](#) - Methods and Models II: Cognitive Behavioral Therapy (2.0 cr)
- [ADDS 5061](#) - Foundations of Group Work (3.0 cr)
- [ADDS 5071](#) - Foundations of Co-occurring Disorders (2.0 cr)
- [ADDS 5081](#) - Multicultural Foundations of Behavioral Health (3.0 cr)
- [ADDS 5091](#) - Assessment and Treatment Planning I (3.0 cr)
- [ADDS 5121](#) - Professional Seminar 1 (1.0 cr)
- [IBH 6011](#) - Foundations in Differential Diagnosis (3.0 cr)
- [IBH 6022](#) - Foundations of Psychological Assessment (2.0 cr)
- [IBH 6031](#) - Methods and Models IV: Trauma and Anxiety, Assessment and Treatment Intervention (2.0 cr)
- [IBH 6051](#) - Advanced Group Practice (2.0 cr)
- [IBH 6061](#) - Applied Advanced Diagnostics I (2.0 cr)
- [IBH 6071](#) - Advanced Professional Issues (3.0 cr)
- [IBH 6081](#) - Human Lifespan Development and Behavioral Health (3.0 cr)
- [IBH 6091](#) - Intersection of Career and Mental Health (2.0 cr)
- [IBH 6101](#) - Family Dynamics and Therapy (3.0 cr)
- [IBH 6111](#) - Research and Evaluation Methods (3.0 cr)
- [IBH 6121](#) - Professional Seminar 2 (1.0 cr)
- [IBH 8002](#) - Portfolio Seminar (1.0 cr)

Required Internship: 4 credits

A minimum of 2 credits/440 field hours of ADDS 5996 must be completed near the program's mid-way point. If a student enters the program with the Alcohol and Drug Counseling License, he/she will not take the ADDS 5996 internship. Instead, he/she will enroll in IBH 6996 for 4 credits (880 placement hours).



Take 1 - 2 course(s) totaling exactly 4 credit(s) from the following:

- [ADDS 5996](#) - Internship in Behavioral Health (1.0 - 8.0 cr)
- [IBH 6996](#) - Internship for Integrated Behavioral Health (1.0 - 4.0 cr)

Elective Courses: 6 credits

Electives must relate to counseling, human development, human services or must enhance students' understanding of mental health, co-occurring disorders, substance use disorders or human behavior within a broader context. Electives not on this list must be pre-approved by the Director of Graduate Studies.

- [ADDS 5996](#) - Internship in Behavioral Health (1.0 - 8.0 cr)
- or [IBH 6021](#) - Methods and Models III: Synthesis Seminar in Client Centered Care (2.0 cr)
- or [IBH 6032](#) - Advanced Multicultural Practice (1.0 cr)
- or [IBH 6041](#) - Prolonged Exposure Therapy for PTSD (2.0 cr)
- or [IBH 6222](#) - Adolescents and Co-occurring Substance Use and Mental Health Disorders (2.0 cr)
- or [IBH 6227](#) - Supervision Models and Methods in Integrated Behavioral Health (3.0 cr)
- or [IBH 6228](#) - Mental Health and Addiction Program Administration (2.0 cr)
- or [IBH 6229](#) - Crisis Assessment and Management (2.0 cr)
- or [IBH 6231](#) - Management of Eating Disorders (3.0 cr)
- or [IBH 6993](#) - Directed Study in Integrated Behavioral Health (1.0 - 3.0 cr)
- or [IBH 6994](#) - Directed Research in Integrated Behavioral Health (1.0 - 3.0 cr)



Twin Cities Campus

Liberal Studies M.L.S.

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Master of Liberal Studies Program, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108, (612-624-4000; fax: 612-626-2800)

Email: ccemls@umn.edu

Website: <http://www.cce.umn.edu/mls>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Liberal Studies

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Note: This program is not currently accepting students. Please contact the College of Continuing Education for more information about the status of this program.

The graduate major in liberal studies (LS) offers an interdisciplinary curriculum that includes an introductory seminar, a choice of liberal studies seminars, a choice of electives from disciplines throughout the University, a final project preparation course, and a final project seminar. Although LS seminars from MLS are scheduled for early evenings and some Saturday mornings, most graduate-level courses offered during the day are also open to MLS students.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

To be admitted, students must have a bachelor's degree from an accredited post-secondary US institution or its foreign equivalent.

Other requirements to be completed before admission:

The faculty committee reviewing each application looks for indications that the student can succeed in graduate study, that there is a good "fit" between the MLS program and the student's stated educational objectives, and that the student can express him/herself well in writing. The faculty also looks for positive qualities and other experiences the student will bring to the program.

Special Application Requirements:

The application package must include official transcripts of all baccalaureate and post-baccalaureate work, two letters of reference, an updated resume, a three- to four-page written statement of purpose, and an additional writing sample of 10 to 20 pages. Application deadlines are in spring for summer term and fall semester admission, and in fall for spring semester admission. Please refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 84
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 563
- IELTS
 - Total Score: 6.5
- MELAB
 - Final score: 84



Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 30 major credits and up to null credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The Plan C final project must be prepared as part of LS 8002 - Final Project for Graduate Liberal Studies and must be approved by at least two faculty members and the director of graduate studies.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.0 is required for students to remain in good standing.

Required Courses: 7 credits

LS 8001 Introduction to Interdisciplinary Inquiry should be taken during the first semester in the MLS program.

LS 8101 Final Project Proposal Prep should be taken when a student has completed 12 to 15 credits.

LS 8002 Final Project is taken during the final semester in the MLS program. No other courses should be taken concurrently with LS 8002.

[LS 8001](#) - Introduction to Interdisciplinary Inquiry (3.0 cr)

[LS 8101](#) - Final Project Proposal Prep: Pulling the Pieces Together (1.0 cr)

[LS 8002](#) - Final Project for Graduate Liberal Studies (3.0 cr)

Required Liberal Studies Seminars: 9 credits

Every semester, the MLS program offers unique seminars in a small-group setting on a wide range of interdisciplinary topics. Students must take at least 3 seminars for a total of 9 credits.

Courses are selected with the help of the student's graduate faculty advisor.

[LS 5100](#) - Liberal Studies Seminar (1.0 - 4.0 cr)

or [LS 5950](#) - Special Topics (1.0 - 4.0 cr)

Electives: 14 credits

Electives can be chosen from graduate-level courses across the U of M. Additional liberal studies seminars or directed study may be taken as electives. Electives must come from at least two different departments and should reflect the interdisciplinary nature of the MLS.

Courses are selected with the help of the student's graduate faculty advisor.



Twin Cities Campus

Liberal Studies Minor

CCE Graduate Programs Instruction

College of Continuing Education

Link to a [list of faculty](#) for this program.

Contact Information:

College of Continuing Education, Master of Liberal Studies Program, 20 Ruttan Hall, 1994 Buford Ave, St. Paul, MN 55108 (612-624-4000; fax: 612-626-2800)

Email: ccemls@umn.edu

Website: <http://www.cce.umn.edu/mls>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2016
- Length of program in credits (Masters): 6
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Note: This program is not currently accepting students. Please contact the College of Continuing Education for more information about the status of this program.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.